

BIRCH, STEWART, KOLASCH & BIRCH, LLP

INTELLECTUAL PROPERTY LAW 8110 GATEHOUSE ROAD SUITE 100 EAST FALLS CHURCH, VA 22042-1248 USA

> (703) 205-8000 FAX: (703) 205-8050 (703) 698-8590 (G IV)

e-mail: mailroom@bskb.com web: http://www.bskb.com

> OTHER OFFICES: CARLSBAD, CALIFORNIA COSTA MESA, CALIFORNIA LOS ANGELES, CALIFORNIA

SENIOR COUNSEL: JOSEPH A. KOLASCH

SCOTT L. LOWE
PAUL C. LEWIS
RICHARD GALLAGHER
MARYANNE ARMSTRONG, PH.D.
KECIA J. REYNOLDS
KALPANA REDDY
ESTHER H. CHONG
CATHERINE M. VOISINET*
EUGENE T. PEREZ
CAROLYN T. BAUMGARDNER*
MARTIN R. GEISSLER*
J. ALISON GRABELL*
J. REN IAMIN SCHPOEDER PH.D. J. ALISON GRABELL*
T. BENJAMIN SCHROEDER, PH.D.
PERCY L. SQUARE
HYUNG N. SOHN
CLINT A. GERDINE
CRAIG A. MCROBBIE
WILLIAM F. NIXON*
DANIEL K. DORSEY
MATTHEW T. SHANLEY

REG. PATENT AGENTS:
FREDERICK R. HANDREN
MAKI HATSUMI
GARTH M. DAHLEN, PH.D.
ROBERT E. GOOZNER, PH.D.
KRISTI L. RUPERT, PH.D.
SUSAN W. GORMAN, PH.D.
ROBERT W. DOWNS
CHAD J. BILLINGS
CARL T. HOMSEN
JASON W. RHODES
SAM BHATTACHARYA Sir

OF COUNSEI:
HERBERT M. BIRCH (1905-1996)
BERNARD L. SWEENEY*
ELLIOT A. GOLDBERG*
WILLIAM L. GATES*
EDWARD H. VALANCE
RUPERT J. BRADY (RET.)*
F. PRINCE BUTLER
FRED S. WHISENHUNT (RET.)
JAMES W. HELLWEGE
QUENTIN R. "RICK" CORRIE
ROBERT F. GNUSE
DAVID R. MURPHY
ROBERT M. ASHEN*
MICHAEL R. CAMMARATA *ADMITTED TO A BAR OTHER THAN VA.

October 30, 2003 Daté:

Docket No.: 1215-0497P(000419-078)

MS PATENT APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

As authorized by the inventor(s), transmitted herewith for filing is a patent application applied for on behalf of the inventor(s) according to the provisions of 37 C.F.R. § 1.41(c).

Inventor(s): Michael T. WAZENSKI

For: IMPROVED ACTIVE ELEMENT ARRAY APPARATUS FOR

DISPLACED PHASE CENTER SYSTEMS

Enclosed are:

 \boxtimes A specification consisting of fifteen (15) pages

 \boxtimes Four (4) sheet(s) of formal drawings

Applicant claims small entity status under 37 C.F.R. § 1.27

Docket No. 1215-0497P(000419-078)

| \boxtimes | Applicant does not claim priority | | | | | |
|-------------|---|--|--|--|--|--|
| | Applicant claims the right of priority under 35 U.S.C. § 11 based on Application No(s). filed in on . Certified copy(ies) is(are) attached hereto. Certified copy(ies) will follow. | | | | | |
| \boxtimes | Executed Declaration in accordance with 37 C.F.R. § 1.64 will follow | | | | | |
| | Preliminary Amendment | | | | | |
| | Application Data Sheet in accordance with 37 C.F.R. § 1.76 | | | | | |
| \boxtimes | Information Disclosure Statement, PTO-1449 | | | | | |
| | Other: | | | | | |
| | Applicant requests early publication - \$300.00 publication fee | | | | | |
| \boxtimes | Non-publication Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i) | | | | | |

The filing fee has been calculated as shown below:

| , | | | LARGE ENTIT | Y SMALL ENTITY |
|-------------------------------------|-----------------|-----------------|---------------|----------------|
| | BASIC FEE | | \$770.00 | \$385.00 |
| | NUMBER FILED | NUMBER EXTRA | RATE FEE | RATE FEE |
| TOTAL CLAIMS | 9-20= | 0 | x 18 = \$0.00 | x 9= \$0.00 |
| INDEPENDENT CLAIMS | 3-3= | 0 | x 86 = \$0.00 | x43= \$0.00 |
| MULTIPLE DEPENDENT CLAIMS PRESENTED | | | + \$290.00 | + \$145.00 |
| | | TOTAL | \$770.00 | \$0.00 |

- The application transmitted herewith is filed in accordance with 37 C.F.R. § 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed declaration together with the surcharge will be forwarded in due course.
- $oxed{\boxtimes}$ A check in the amount of \$770.00 to cover the filing fee is enclosed.

- Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.
- Please send correspondence to:

 BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292
 P.O. Box 747
 Falls Church, VA 22040-0747
 (703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Milliam L. Gates, Reg. No. 20,848

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

WLG/mpe 1215-0497P(000419-078)

Attachment(s)

(Rev. 09/30/03)

PATENT 1215-0497P(000419-078)

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Michael T. WAZENSKI Conf.: UNASSIGNED

Appl. No.: NEW Group: UNASSIGNED

Filed: October 30, 2003 Examiner: UNASSIGNED

For: IMPROVED ACTIVE ELEMENT ARRAY APPARATUS

FOR DISPLACED PHASE CENTER SYSTEMS

REQUEST AND CERTIFICATION UNDER 35 U.S.C. § 122(b)(2)(B)(i)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

October 30, 2003

Sir:

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

This request must be signed in compliance with 37 C.F.R. \$ 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

Docket No. 1215-0497P(000419-078)

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Milliam L. Gates

William L. Gates, Reg. No. 20,848

P.O. Box 747

WLG/mpe

1215-0497P(000419-078)

Falls Church, VA 22040-0747

(703) 205-8000

(Rev. 09/30/03)